ELSEVIER

Forest Ecology and Management 65 (1994) 303–304

Forest Ecology and Management

Author Index

Ackzell, L., Elfving, B. and Lindgren, D.
Occurrence of naturally regenerated and planted main crop plants in plantations in boreal Sweden 105
Alves, J.B., *see* Zanuncio, J.C. et al.
Bhushan, B., *see* Puri, S. et al.
Brown, D.
The development of woody vegetation in the first 6 years following clear-cutting of a hardwood forest for a utility right-of-way 171
Dahlsten, D.L., Rowney, D.L. and Tait, S.M.
Development of integrated pest management programs in urban forests: the elm leaf beetle (*Xanthogaleruca luteola* (Müller)) in California, USA 31
Do Nascimento, E.C., *see* Zanuncio, J.C. et al.
Dunsdon, A.J., *see* Stewart, J.L. et al.
Elfving, B., *see* Ackzell, L. et al.
Elston, D.A., *see* Sibbald, A.R. et al.
Evans, H.F. and Fielding, N.J.
Integrated management of *Dendroctonus micans* in the UK 17
Fielding, N.J., *see* Evans, H.F. et al.
Garcia, J.F., *see* Zanuncio, J.C. et al.
Griffiths, J.H., *see* Sibbald, A.R. et al.
Jose, S., Sreepathy, A., Mohan Kumar, B. and Venugopal, V.K.
Structural, floristic and edaphic attributes of the grassland–shola forests of Eravikulam in peninsular India 279
Kant, S. and Nautiyal, J.C.
Sustainable joint forest management through bargaining: a bilateral monopoly gaming approach 251
Kellomäki, S. and Kolström, M.
The influence of climate change on the productivity of Scots pine, Norway spruce, Pendula birch and Pubescent birch in southern and northern Finland 201
Khanna, P.K., *see* Romanyà, J. et al.
Kolström, M., *see* Kellomäki, S. et al.
Kolström, T., *see* Pukkala, T. et al.
Laranjeiro, A.J.
Integrated pest management at Aracruz Celulose 45
Lindgren, D., *see* Ackzell, L. et al.
Lisanework, N. and Michelsen, A.
Litterfall and nutrient release by decomposition in three plantations compared with a natural forest in the Ethiopian highland 149
Lundqvist, L.
Growth and competition in partially cut sub-alpine Norway spruce forests in northern Sweden 115
Mallik, A.U.
Autecological response of *Kalmia angustifolia* to forest types and disturbance regimes 231
McLean, J.A.
IPM in the forests of British Columbia, Canada 3
Mead, D.J., *see* Preston, C.M. et al.
Michelsen, A., *see* Lisanework, N. et al.
Miina, J., *see* Pukkala, T. et al.
Mohan Kumar, B., *see* Jose, S. et al.
Mwendera, E.J.
Effect on the water yield of the Luchelemu catchment in Malawi of replacing indigenous grasses with timber plantations 75
Nautiyal, J.C., *see* Kant, S. et al.
Preston, C.M. and Mead, D.J.
Growth response and recovery of ^{15}N-fertilizer one and eight growing seasons after application to lodgepole pine in British Columbia 219
Pukkala, T., Kolström, T. and Miina, J.
A method for predicting tree dimensions in Scots pine and Norway spruce stands 123
Puri, S., Singh, V., Bhushan, B. and Singh, S.
Biomass production and distribution of roots in three stands of *Populus deltoides* 135
Raison, R.J., *see* Romanyà, J. et al.
Romanyà, J., Khanna, P.K. and Raison, R.J.
Effects of slash burning on soil phosphorus fractions and sorption and desorption of phosphorus 89
Rowney, D.L., *see* Dahlsten, D.L. et al.
Sibbald, A.R., Griffiths, J.H. and Elston, D.A.
Herbage yield in agroforestry systems as a function of easily measured attributes of the tree canopy 195
Singh, S., *see* Puri, S. et al.
Singh, V., *see* Puri, S. et al.
Sreepathy, A., *see* Jose, S. et al.
Stanturf, J.A. and Stone, E.L.
Loss of nitrogen and bases after fertilization of second-growth hardwood forest soils 265
Stewart, J.L. and Dunsdon, A.J.
Performance of 25 Central American dry zone hardwoods in a pantropical series of species elimination trials ... 183

Stone, E.L., *see* Stanturf, J.A. et al.
Swart, W.J., *see* Wingfield, M.J. et al.
Tait, S.M., *see* Dahlsten, D.L. et al.
Teketay, D.
Germination ecology of two endemic multipurpose species of *Erythrina* from Ethiopia 81
Tyler, G.
Spatial sporophore pattern of ectomycorrhizal fungi in a hornbeam (*Carpinus betulus* L.) forest 165
Venugopal, V.K., *see* Jose, S. et al.
Wingfield, M.J. and Swart, W.J.
Integrated management of forest tree diseases in South Africa 11
Zanuncio, J.C., Do Nascimento, E.C., Garcia, J.F. and Zanuncio, T.V.
Major lepidopterous defoliators of eucalypt in southeast Brazil 53
Zanuncio, J.C., Alves, J.B., Zanuncio, T.V. and Garcia, J.F.
Hemipterous predators of eucalypt defoliator caterpillars 65
Zanuncio, T.V., *see* Zanuncio, J.C. et al.

ELSEVIER

Forest Ecology and Management 65 (1994) 305–308

Forest Ecology and Management

Subject Index

Afforestation
Effect on the water yield of the Luchelemu catchment in Malawi of replacing indigenous grasses with timber plantations ... 75
Agroforestry system
Biomass production and distribution of roots in three stands of *Populus deltoides* ... 135
Herbage yield in agroforestry systems as a function of easily measured attributes of the tree canopy ... 195
Artificial regeneration
Occurrence of naturally regenerated and planted main crop plants in plantations in boreal Sweden ... 105
Autecological response
Autecological response of *Kalmia angustifolia* to forest types and disturbance regimes ... 231
Bargaining game
Sustainable joint forest management through bargaining: a bilateral monopoly gaming approach ... 251
Bilateral monopoly
Sustainable joint forest management through bargaining: a bilateral monopoly gaming approach ... 251
Biomass
Biomass production and distribution of roots in three stands of *Populus deltoides* ... 135
Performance of 25 Central American dry zone hardwoods in a pantropical series of species elimination trials ... 183
Canopy
Herbage yield in agroforestry systems as a function of easily measured attributes of the tree canopy ... 195
Catchment
Effect on the water yield of the Luchelemu catchment in Malawi of replacing indigenous grasses with timber plantations ... 75
Clear-cutting
The development of woody vegetation in the first 6 years following clear-cutting of a hardwood forest for a utility right-of-way ... 171
Climatic change
The influence of climate change on the productivity of Scots pine, Norway spruce, Pendula birch and Pubescent birch in southern and northern Finland ... 201
Competition
Growth and competition in partially cut sub-alpine Norway spruce forests in northern Sweden ... 115
Cupressus lusitanica
Litterfall and nutrient release by decomposition in three plantations compared with a natural forest in the Ethiopian highland ... 149
Decomposition
Litterfall and nutrient release by decomposition in three plantations compared with a natural forest in the Ethiopian highland ... 149
Defoliator caterpillar
Integrated pest management at Aracruz Celulose ... 45
Hemipterous predators of eucalypt defoliator caterpillars ... 65
Dendroctonus micans
Integrated management of *Dendroctonus micans* in the UK ... 17
Desorption
Effects of slash burning on soil phosphorus fractions and sorption and desorption of phosphorus ... 89
Developing countries
Sustainable joint forest management through bargaining: a bilateral monopoly gaming approach ... 251
Die-back
Integrated management of forest tree diseases in South Africa ... 11
Disease
Integrated management of forest tree diseases in South Africa ... 11
Disturbance regime
Autecological response of *Kalmia angustifolia* to forest types and disturbance regimes ... 231
Dry zone hardwood
Performance of 25 Central American dry zone hardwoods in a pantropical series of species elimination trials ... 183
Ectomycorrhizal fungi
Spatial sporophore pattern of ectomycorrhizal fungi in a hornbeam (*Carpinus betulus* L.) forest ... 165
Edaphic characteristic
Structural, floristic and edaphic attributes of the grassland–shola forests of Eravikulam in peninsular India ... 279
Elimination trial
Performance of 25 Central American dry zone hardwoods in a pantropical series of species elimination trials ... 183
Elm leaf beetle

Development of integrated pest management programs in urban forests: the elm leaf beetle (*Xanthogaleruca luteola* (Müller)) in California, USA 31
Endemic tree
Germination ecology of two endemic multipurpose species of *Erythrina* from Ethiopia 81
Erythrina spp.
Germination ecology of two endemic multipurpose species of *Erythrina* from Ethiopia 81
Eucalyptus
Integrated pest management at Aracruz Celulose 45
Major lepidopterous defoliators of eucalypt in southeast Brazil 53
Hemipterous predators of eucalypt defoliator caterpillars 65
Eucalyptus globulus
Litterfall and nutrient release by decomposition in three plantations compared with a natural forest in the Ethiopian highland 149
Fertilization
Growth response and recovery of ^{15}N-fertilizer one and eight growing seasons after application to lodgepole pine in British Columbia 219
Loss of nitrogen and bases after fertilization of second-growth hardwood forest soils 265
Fixed threat cooperative game
Sustainable joint forest management through bargaining: a bilateral monopoly gaming approach 251
Floristic diversity
Structural, floristic and edaphic attributes of the grassland–shola forests of Eravikulam in peninsular India 279
Forest Insect Disease Survey
IPM in the forests of British Columbia, Canada 3
Forest types
Autecological response of *Kalmia angustifolia* to forest types and disturbance regimes 231
Germination
Germination ecology of two endemic multipurpose species of *Erythrina* from Ethiopia 81
Grassland–shola forest
Structural, floristic and edaphic attributes of the grassland–shola forests of Eravikulam in peninsular India 279
Growth
Growth and competition in partially cut sub-alpine Norway spruce forests in northern Sweden 115
Growth response and recovery of ^{15}N-fertilizer one and eight growing seasons after application to lodgepole pine in British Columbia 219
Hardwood
Performance of 25 Central American dry zone hardwoods in a pantropical series of species elimination trials ... 183
Hardwood forest
The development of woody vegetation in the first 6 years following clear-cutting of a hardwood forest for a utility right-of-way 171
Hemipterous predator
Hemipterous predators of eucalypt defoliator caterpillars 65
Herbage yield
Herbage yield in agroforestry systems as a function of easily measured attributes of the tree canopy 195
Hornbeam
Spatial sporophore pattern of ectomycorrhizal fungi in a hornbeam (*Carpinus betulus* L.) forest 165
Indigenous vegetation
Effect on the water yield of the Luchelemu catchment in Malawi of replacing indigenous grasses with timber plantations 75
Integrated forest management
Integrated management of forest tree diseases in South Africa 11
Integrated pest management
IPM in the forests of British Columbia, Canada 3
Integrated management of *Dendroctonus micans* in the UK 17
Development of integrated pest management programs in urban forests: the elm leaf beetle (*Xanthogaleruca luteola* (Müller)) in California, USA 31
Integrated pest management at Aracruz Celulose 45
Joint forest management
Sustainable joint forest management through bargaining: a bilateral monopoly gaming approach 251
Juniperus procera
Litterfall and nutrient release by decomposition in three plantations compared with a natural forest in the Ethiopian highland 149
Kalmia angustifolia
Autecological response of *Kalmia angustifolia* to forest types and disturbance regimes 231
Leaf-cutting ant
Integrated pest management at Aracruz Celulose 45
Lepidopterous defoliator
Major lepidopterous defoliators of eucalypt in southeast Brazil 53
Litterfall
Litterfall and nutrient release by decomposition in three plantations compared with a natural forest in the Ethiopian highland 149
Model
The influence of climate change on the productivity of Scots pine, Norway spruce, Pendula birch and Pubescent birch in southern and northern Finland 201
Multipurpose tree
Germination ecology of two endemic multipurpose species of *Erythrina* from Ethiopia 81
Natural regeneration
Occurrence of naturally regenerated and planted main crop plants in plantations in boreal Sweden 105
Nitrogen
Growth response and recovery of ^{15}N-fertilizer one and eight growing seasons after application to lodgepole pine in British Columbia 219

Loss of nitrogen and bases after fertilization of second-growth hardwood forest soils ... 265
Nutrient release
Litterfall and nutrient release by decomposition in three plantations compared with a natural forest in the Ethiopian highland ... 149
Partial cutting
Growth and competition in partially cut sub-alpine Norway spruce forests in northern Sweden ... 115
Performance
Performance of 25 Central American dry zone hardwoods in a pantropical series of species elimination trials ... 183
Pest management
IPM in the forests of British Columbia, Canada ... 3
Integrated management of *Dendroctonus micans* in the UK ... 17
Major lepidopterous defoliators of eucalypt in southeast Brazil ... 53
Hemipterous predators of eucalypt defoliator caterpillars ... 65
Phosphorus
Effects of slash burning on soil phosphorus fractions and sorption and desorption of phosphorus ... 89
Picea
Occurrence of naturally regenerated and planted main crop plants in plantations in boreal Sweden ... 105
Growth and competition in partially cut sub-alpine Norway spruce forests in northern Sweden ... 115
The influence of climate change on the productivity of Scots pine, Norway spruce, Pendula birch and Pubescent birch in southern and northern Finland ... 201
Pinus
Occurrence of naturally regenerated and planted main crop plants in plantations in boreal Sweden ... 105
The influence of climate change on the productivity of Scots pine, Norway spruce, Pendula birch and Pubescent birch in southern and northern Finland ... 201
Growth response and recovery of ^{15}N-fertilizer one and eight growing seasons after application to lodgepole pine in British Columbia ... 219
Plantation
Litterfall and nutrient release by decomposition in three plantations compared with a natural forest in the Ethiopian highland ... 149
Populus deltoides
Biomass production and distribution of roots in three stands of *Populus deltoides* ... 135
Recovery
Growth response and recovery of ^{15}N-fertilizer one and eight growing seasons after application to lodgepole pine in British Columbia ... 219
Reforestation
Occurrence of naturally regenerated and planted main crop plants in plantations in boreal Sweden ... 105
Regeneration
Structural, floristic and edaphic attributes of the grassland–shola forests of Eravikulam in peninsular India ... 279
Rhizophagus grandis
Integrated management of *Dendroctonus micans* in the UK ... 17
Right-of-way
The development of woody vegetation in the first 6 years following clear-cutting of a hardwood forest for a utility right-of-way ... 171
Root disease
Integrated management of forest tree diseases in South Africa ... 11
Root distribution
Biomass production and distribution of roots in three stands of *Populus deltoides* ... 135
Second growth
Loss of nitrogen and bases after fertilization of second-growth hardwood forest soils ... 265
Shola forest
Structural, floristic and edaphic attributes of the grassland–shola forests of Eravikulam in peninsular India ... 279
Simulation
A method for predicting tree dimensions in Scots pine and Norway spruce stands ... 123
The influence of climate change on the productivity of Scots pine, Norway spruce, Pendula birch and Pubescent birch in southern and northern Finland ... 201
Simultaneous equation
A method for predicting tree dimensions in Scots pine and Norway spruce stands ... 123
Slash burning
Effects of slash burning on soil phosphorus fractions and sorption and desorption of phosphorus ... 89
Soil
Loss of nitrogen and bases after fertilization of second-growth hardwood forest soils ... 265
Soil phosphorus fractions
Effects of slash burning on soil phosphorus fractions and sorption and desorption of phosphorus ... 89
Sorption
Effects of slash burning on soil phosphorus fractions and sorption and desorption of phosphorus ... 89
Spatial distribution
A method for predicting tree dimensions in Scots pine and Norway spruce stands ... 123
Spatial pattern
Spatial sporophore pattern of ectomycorrhizal fungi in a hornbeam (*Carpinus betulus* L.) forest ... 165
Sporophore
Spatial sporophore pattern of ectomycorrhizal fungi in a hornbeam (*Carpinus betulus* L.) forest ... 165
Stand structure
A method for predicting tree dimensions in Scots pine and Norway spruce stands ... 123
Stream flow
Effect on the water yield of the Luchelemu catchment in

Malawi of replacing indigenous grasses with timber plantations 75
Tree canopy
Herbage yield in agroforestry systems as a function of easily measured attributes of the tree canopy 195
Tropical montane forest
Litterfall and nutrient release by decomposition in three plantations compared with a natural forest in the Ethiopian highland 149
Urban forest
Development of integrated pest management programs in urban forests: the elm leaf beetle (*Xanthogaleruca luteola* (Müller)) in California, USA 31
Water yield
Effect on the water yield of the Luchelemu catchment in Malawi of replacing indigenous grasses with timber plantations 75
Woody vegetation
The development of woody vegetation in the first 6 years following clear-cutting of a hardwood forest for a utility right-of-way 171
Xanthogaleruca luteola
Development of integrated pest management programs in urban forests: the elm leaf beetle (*Xanthogaleruca luteola* (Müller)) in California, USA 31
Yield
The influence of climate change on the productivity of Scots pine, Norway spruce, Pendula birch and Pubescent birch in southern and northern Finland 201